



SPK

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/721,216
Applicant : Ralph E. BURNS
Filed : November 26, 2003
TC/A.U. : 1743
Examiner : Jill A. Warden
Docket No. : 2599-104-C4
Confirmation No. : 6271
Customer No. : 6449

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

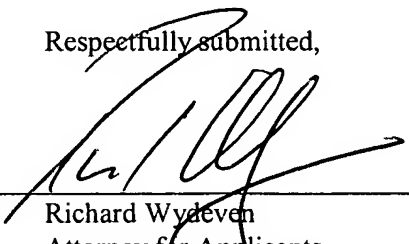
Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits herewith Form PTO/SB/08 listing U.S. and foreign Patents and Patent Applications and nonpatent literature documents that the Office may wish to consider in examination of the subject application. Materials submitted for consideration are listed on the attached form PTO/SB/08.

Applicants submit this disclosure before the mailing of a first Office Action on the merits, § 1.97(b)(3).

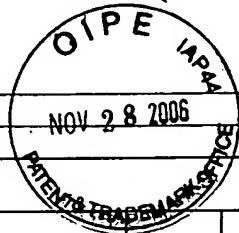
Respectfully submitted,

Date: Nov 28, 2006

By


Richard Wydeven
Attorney for Applicants
Registration No. 39,881
ROTHWELL, FIGG, ERNST & MANBECK, p.c.
Suite 800, 1425 K Street, N.W.
Washington, D.C. 20005
Telephone: (202)783-6040

Information Disclosure Statement by Applicant (PTO/SB/O8)



Sheet 1 of 5

Complete if Known

Application No.:	10/721,216
Filing Date:	November 26, 2003
First Named Inventor:	Ralph E. BURNS
Group Art Unit	1743
Examiner Name:	Jill A. Warden
Attorney Docket No.:	2599-104-C4
Customer No.:	6449
Confirmation No.:	6271

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	4,699,767		AIHARA	10-13-1987
	2	4,849,176		SAKAGAMI	07-18-1989
	3	4,906,433		MINEKANE	03-06-1990
	4	5,089,233		DEVANEY et al.	02-18-1992
	5	5,154,888		ZANDER et al.	10-13-1992
	6	5,213,761		SAKAGAMI	05-25-1993
	7	5,229,297		SCHNIPELSKY et al.	07-20-1993
	8	5,288,463		CHEMELLI	02-22-1994
	9	5,340,747		FOLEN	08-23-1994
	10	5,374,395		ROBINSON et al.	12-20-1994
	11	5,422,271		CHEN et al.	06-06-1995
	12	5,460,780		DEVANEY et al.	10-24-1995
	13	5,538,849		UEMATSU et al.	07-23-1996
	14	5,548,826		SAYERS	08-20-1996
	15	5,578,270		REICHLER et al.	11-26-1996
	16	5,827,653		SAMMES et al.	10-27-1998
	17	6,043,880		ANDREWS et al.	03-28-2000
	18	6,103,193		IWAHASHI et al.	08-15-2000
	19	6,146,592		KAWASHIMA	11-14-2000
	20	6,277,332		SUCHOLEIKI	08-21-2001
Examiner Signature					Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

Information Disclosure Statement by Applicant (PTO/SB/O8)	<i>Complete if Known</i>	
	Application No.:	10/721,216
	Filing Date:	November 26, 2003
	First Named Inventor:	Ralph E. BURNS
	Group Art Unit	1743
	Examiner Name:	Jill A. Warden
	Attorney Docket No.:	2599-104-C4
	Customer No.:	6449
Sheet 2 of 5		Confirmation No.: 6271

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Date of Publication of Cited Document MM-DD-YYYY
	21	6,335,166		AMMANN et al.
	22	6,517,782		HORNER et al.
	23	6,517,783		HORNER et al.
	24	6,586,234	B1	BURG et al.
	25	6,605,213		AMMANN et al.
	26	6,764,649		AMMANN
	27	6,825,921	B1	MODLIN, et al.
	28	6,890,742	B2	AMMANN et al.
	29	6,943,029		COPELAND et al.
	30	2002/0028489	A1	AMMANN et al.
	31	2002/0031446	A1	FRIEDLANDER et al.
	32	2002/0031768	A1	MCCMILLAN et al.
	33	2002/0064867	A1	CLARK et al.
	34	2002/0086417	A1	CHEN et al.
	35	2002/0098117	A1	AMMANN et al.
	36	2002/0137194	A1	AMMANN et al.
	37	2002/0137197	A1	AMMANN et al.
	38	2003/0027206	A1	AMMANN et al.
	39	2003/0054542	A1	BURNS et al.
	40	2003/0129614	A1	PARAMESWARAN et al.
Examiner Signature				Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

Information Disclosure Statement by Applicant (PTO/SB/O8)	<i>Complete if Known</i>	
	Application No.:	10/721,216
	Filing Date:	November 26, 2003
	First Named Inventor:	Ralph E. BURNS
	Group Art Unit	1743
	Examiner Name:	Jill A. Warden
	Attorney Docket No.:	2599-104-C4
	Customer No.:	6449
Sheet 3 of 5	Confirmation No.:	6271

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	41	2004/0076983	A1	KARISEN	04-22-2004
	42	2004/0115796	A1	BURNS	06-17-2004
	43	2005/0130198	A1	AMMANN et al.	06-16-2005
Examiner Signature				Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

Information Disclosure Statement by Applicant (PTO/SB/O8)	<i>Complete if Known</i>	
	Application No.:	10/721,216
	Filing Date:	November 26, 2003
	First Named Inventor:	Ralph E. BURNS
	Group Art Unit	1743
	Examiner Name:	Jill A. Warden
	Attorney Docket No.:	2599-104-C4
	Customer No.:	6449
Sheet 4 of 5		Confirmation No.: 6271

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³	Number ⁴	Kind ⁵ Code (if known)			
	44	EP	0293782	A1	Sumitomo Electric Industries	12-07-1988	
	45	EP	0336309	A2	Poli-Mak Spa	10-11-1989	
	46	EP	0409126	A2	Hitachi, LTD.	01-23-1991	
	47	EP	0411620	A2	Hitachi, LTD.	02-06-1991	
	48	EP	0458138	A2	Technicon Instruments Corp.	11-27-1991	
	49	EP	0525577	A2	E.I. Dupont De Nemours and Co.	02-03-1993	
	50	EP	0542422	A1	Gen Atomics	05-19-1993	
	51	EP	0569214	A2	Wallac Oy	11-10-1993	
	52	EP	0571033	A1	Eastman Kodak Co.	11-24-1993	
	53	EP	0640828	B1	Ammann Patent Anwaelte AG Bern	03-01-1995	
	54	EP	1024355	A1	Tosoh Corp.	08-02-2000	
	55	EP	1138784	A2	Roche Diagnostics GMBH	10-04-2001	
Examiner Signature						Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

Information Disclosure Statement by Applicant (PTO/SB/O8)	<i>Complete if Known</i>	
	Application No.:	10/721,216
	Filing Date:	November 26, 2003
	First Named Inventor:	Ralph E. BURNS
	Group Art Unit	1743
	Examiner Name:	Jill A. Warden
	Attorney Docket No.:	2599-104-C4
	Customer No.:	6449
Sheet 5 of 5	Confirmation No.:	6271

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	56	BOWIE et al., "α-Thalassemia Subtyping the the Detection of Silent Mutations by High-Resolution Fragment Analysis and DNA Sequencing", Mol. Diagn., 3: 43-53 (March 1998)	
	57	KRISTENSEN et al., "High-Throughput Screening for Known Mutations by Automated Analysis of Single Sequencing Reactions", BioTechniques, 24: 832-835 (May 1998)	
	58	LEONARD et al., "Preparation of PCR Products for DNA Sequencing", BioTechniques, 24: 314-317 (February 1998)	
	59	SCHMITZ et al., "Recent Advances in Molecular Genetics of Cardiovascular Disorders - Implications for Atherosclerosis and Diseases of Cellular Lipid Metabolism", Pathol. Oncol. Res. 4: 153-161 (1998)	
	60	WU et al., "Strategies for Unambiguous Detection of Allelic Heterozygosity via Direct DNA Sequencing of PCR Products: Application to the HLA DRB1 Locus", Mol. Diagn., 1: 89-98 (June 1996)	
Examiner Signature			Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.